

CLAIMS

I claim:

- 1 1. A three phase converter fed motor, comprising:
2 a stator having a laminated core, a winding and a plurality of slots, the winding having
3 a current fed side, the stator being operatively connectable to a three phase-current via the
4 winding;
5 a shield comprising an electrically conductive layer, the shield being operatively
6 arranged between the current fed side of the winding and the laminated core so as to shield
7 each slot, the shield being one of grounded and conductively connected to the laminated core
8 only on the current fed side of the winding;
9 first insulating means operatively arranged between the shield and the winding
10 for insulating the shield from the winding; and
11 second insulating means operatively arranged between the shield and the
12 laminated core for insulating the shield from the laminated core.
- 1 2. The motor according to claim 1, further comprising:
2 a ground connection, wherein the electrically conductive layer is connected to
3 the ground connection.
- 1 3. The motor according to claim 1, wherein the electrically conductive
2 layer is connected to the laminated core.

- 1 4. The motor according to claim 3, wherein the second insulating means is
- 2 at least partially absent on the current side of the laminated core so as to allow conductive
- 3 contact between the conductive layer and the laminated core.